

FILED FOR RECORD

February 26, 1963

at 40 minutes past 7 o'clock

A.M.

Agnes M. M. P. D. L.  
County Recorder

By Arsene New  
Deputy

File No. ....

T. 10N R13W

DUPLICATE

County GRANITE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**R** JAN 29 1964

**Notice of Completion of Groundwater Appropriation  
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1-27-64

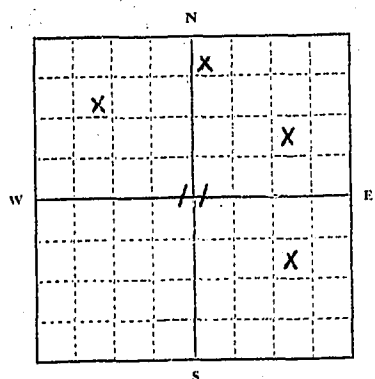
Owner ANITA ROSE HILL Address DRUMMOND, MONT.

Contractor (if any) NONE

Address of Contractor .....

Date Started ..... Date Completed .....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. NATURAL SPRINGS AND SUB-IRRIGATION



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

NW 1/4 NE 1/4 Sec. 11 T10N R13W

CONTINUOUS USE

Indicate point of appropriation and place of use, if possible.

SE 1/4 NE 1/4 Sec. 11 T10N R13W

NW 1/4 NW 1/4 Sec. 11 T10N R13W

NE 1/4 SE 1/4 Sec. 11 T10N R13W

Signature of Owner.....

Date.....

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

77870

FILED FOR RECORD

Jan 27, 1964

at 13 minutes past 2 o'clock

Pm

Agnie M. McDonald  
County Recorder

Assane Mear  
Deputy

RECEIVED

3 GW 3 Revised 1969 JUL 16 1973  
2057-1500-1/71

STATE OF MONTANA  
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

1000-13W  
County Granite

11/12

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962.

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 7

June 28, 1973

GW 1 11-36 R. & P.

Owner Leslie E. Nelson - wife Nelson

Address St. Ann's Mount

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Sub-irrigation

from Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) \_\_\_\_\_

pump

3. Depth of water table Ground level

4. Use of the water irrigation, stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 7.5 in

6. If used for irrigation, give number of acres and description of land 7.5 acres, Southwest Quarter, Section 11, Township 10N, Range 7E

7. Estimate amount of water used each year 200,000 gal.

8. Months of year spring flows year round

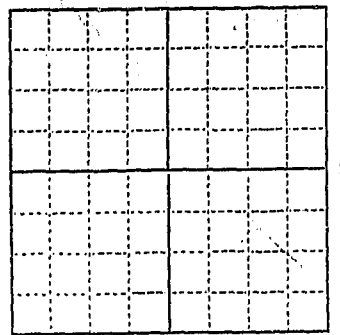
Signature of Owner Leslie E. Nelson

Date June 28, 1973

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated \_\_\_\_\_

1/4 Sec. 14  
T. 10 R. 13 E. 7



56065

RECEIVED

3 GW 3 Revised 1969  
2037-1500-1/71

JUL 16 1973

County Granite

STATE OF MONTANA  
MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 7

GW 1 11-36 P.M.

Owner Lester E. Nelson

Address Granite, Mont.

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Sub-irrigation  
and Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) Pump

3. Depth of water table Ground level

4. Use of the water irrigation stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 75 in  
South side of section 11 in south half of T. 12 N. R. 13 E.

6. If used for irrigation, give number of acres and description of land 75 acres, South half of section 11 in south half of T. 12 N. R. 13 E. Township 12 N. Range 13 E.

7. Estimate amount of water used each year 250,000 gal.

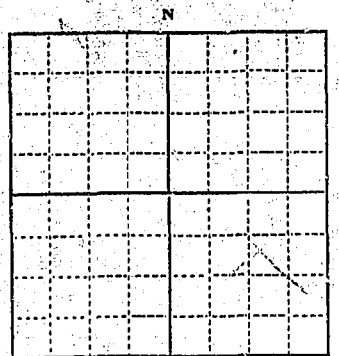
8. Months of year spring flows year round

Signature of Owner Lester E. Nelson

Date June 14, 73

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or estimated \_\_\_\_\_

T. 12 N. R. 13 E. S. 1



56065

FILED FOR RECORD

June 28 1973

36 minutes past 11:00 o'clock

A.M.

Maria Morrison  
County Recorder

By Margaret J. Collins  
Deputy

File No. ....

T12N R13W

DUPLICATE

County GRANITE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DEC 20 1963

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level.....)

0 to 36' Clay &amp; sand

Owner Bert Allen Address Drummond, Mont

36' to 40' Grey clay

Driller Glenn Camp 705 Alder Address Missoula, Montana

40' to 57' Shale &amp; clay

Date of Notice of Appropriation of Groundwater.....

(57' to 58' shale & water  
(57' to 58' P.M.))Date well started 10/24/63 Date Completed 10/30/63

58' to 104' Shale &amp; clay

Type of well Drilled Equipment Used Churn drill  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)

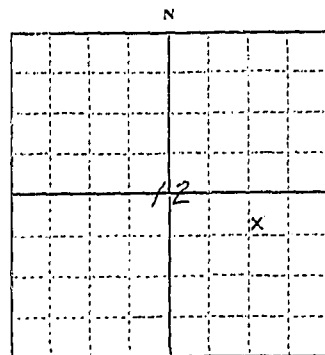
104' to 105' Sandy shale

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

105' to 114' Black shale

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 18.97 # to ft.	3.1.	to 105'-2"	None		

NE 1/4 Sec. 12 T12N R13W  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 23' from G.L. feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 45 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Test pump Length of Test 12 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

none

Licence # 7

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

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FILED FOR RECORD

Dec 16 10 63  
at 30 minutes past 3 o'clock

P.M.

Agnes M. McQuill  
County Recorder

By Alfred New  
Deputy



RECEIVED

3 GW 3 Revised 1969  
2057-1500-1/71

JUL 19 1973

10N-13W  
County Grant 12

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File June 28, 1973  
11:40 A.M.

GW 1 \_\_\_\_\_

Owner George M. Lacey  
Address Drummond, Mont  
Contractor (if any) \_\_\_\_\_  
Address of Contractor \_\_\_\_\_  
Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

Spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

Pump

3. Depth of water table

Surface

4. Use of the water

Irrigation & Stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute)

50"

6. If used for irrigation, give number of acres and description of land

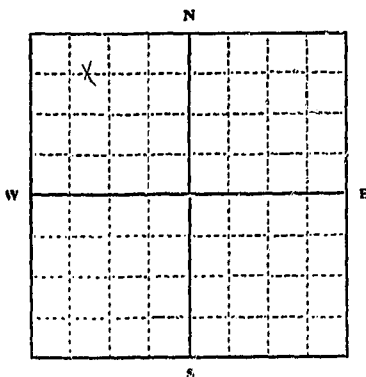
70 Acres

7. Estimate amount of water used each year

350 Acres ft.

8. Months of year spring flows

All year



N.W. 1/4 Sec. 12

T. 10 N. R. 13 E. W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated

\_\_\_\_\_

Signature of Owner George M. Lacey

Date June 28 1973

56064

THE UNIVERSITY OF CHICAGO PRESS

June 28, 1973

at 40 minutes past 11:00 o'clock

Am

Marie Hanson

County Records

By Margaret J. Collins  
Deputy

## Derivatives

[illegible][illegible]

File No. ....

DUPLICATE

T. 10 R. 13

County Granite

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

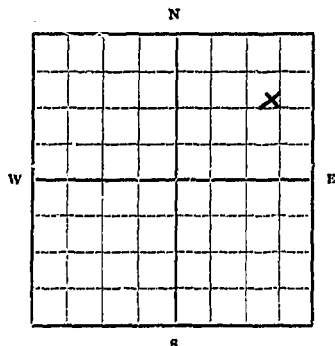
**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 23 1963

STATE ENGINEER

Drummond  
(Town)

1. Wm R Ohrmann, of Drummond  
(Name of Appropriator) (Address)  
County of Granite State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 12 T 10 R 13

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based House hold use and stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well was drilled about 1924 and has been in continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 gal per hr - 5 gal per min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor on pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Exact date not known

8. The depth of water table 40 ft of water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater One well - drilled well, 60 ft deep - 6 inch casing

10. The estimated amount of groundwater withdrawn each year 500,000 gallons

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Wm R Ohrmann

Date Jan 17, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate to the Appropriator.

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FILED FOR RECORD

June 21, 1963

at 32 minutes past 4 o'clock

G. M.

Gynea M. McDonald

County Recorder

By

Arsenal Naul

Deputy

File No. ....

T. 10<sup>N</sup> R. 13<sup>W</sup>

DUPLICATE

County Granite

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

STATE ENGINEER

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 31 1963

Owner Wm R Ohrmann Address Drummond Mont

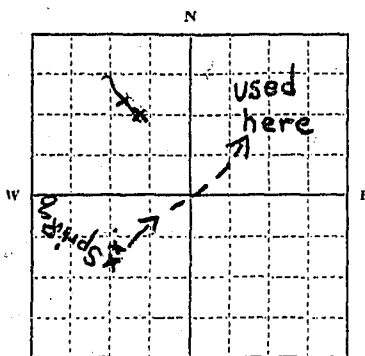
Contractor (if any) .....

Address of Contractor .....

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to

water when applicable. Natural springs  
led to the irrigated land thru  
a ditch



SW 1/4 Sec 12 T10 R13W

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. About 100

miners inches used from May 15  
until Sept 15. Used intermittently

Signature of Owner Wm R Ohrmann

Date Dec 31, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

77637

FILED FOR RECORD

Dec 31, 1963

at 16 minutes past 1 o'clock

P.M.

Agnes M. McDonald

County Recorder

By

Deputy

File No. ....

T 10<sup>N</sup> R 13<sup>W</sup>

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

June 1908

Owner

P.D. Ranch Co.

Address

Hall, Montana

Contractor (if any) .....

None

Address of Contractor .....

Date Started

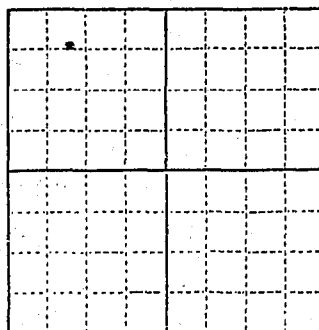
June 1908

Date Completed

June 1908

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A Spring Piped to house

1 WATER TANK, Spring Rocked in  
AND gathered before entering pipe.



NW 1/4 Sec 12 T10N R13W

Indicate point of appropriation  
and place of use, if possible.

Place of Appropriation  
About 50 FT, NE of Place  
of Use.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

1591 per  
Minute. Flow measured into container.

Signature of Owner

P.D. Ranch Co.  
by [Signature]

Date

Dec 18, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

23915

77434

FILED FOR RECORD

Dec. 20 1963

at 20 minutes past 2 o'clock

P. M.

James M. McDowell  
County Recorder

By \_\_\_\_\_  
Deputy



GW3

File No. ....

DUPLICATE

T. 10 R. 13

County

Granite  
RECEIVED  
JAN 3 1962

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 31, 1962

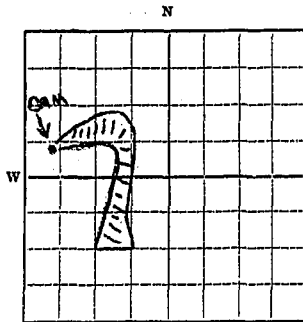
Owner E.J. Brunette Address Drummond, Mont.

Contractor (if any) William Howell

Address of Contractor Drummond, Montana

Date Started Oct. 1952 Date Completed Oct. 1952

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Constant flow spring impounded by diversion dam and conducted to irrigatable ground by a ventour ditch.



N.W. 1/4 Sec. 13 T. 10 R. 13

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Approximately 150 miners inches measured through a rectangular weir and used continuously throughout the irrigating season.

Signature of Owner E.J. Brunette

Date December 31, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

STATE OF MONTANA } SS  
County of Granite

I, Agnes M. McDonald, County Clerk and  
Recorder of said County do hereby certify  
that the annexed instrument is a full, true  
and correct copy of the original instrument  
as filed in this office on the 3<sup>rd</sup> day of  
March, A. D. 1962

I met my hand and the seal of said  
Granite County hereunto affixed, this  
3<sup>rd</sup> day of March, 1962

Agnes M. McDonald  
County Clerk and Recorder

By: Daniel H. Hart Deputy

GW 3

File No. ....

DUPLICATE

T. 10 R. 13

County. Granite

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963

STATE ENGINEER

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 31, 1962

Owner E. J. Brunette Address Drummond, Montana

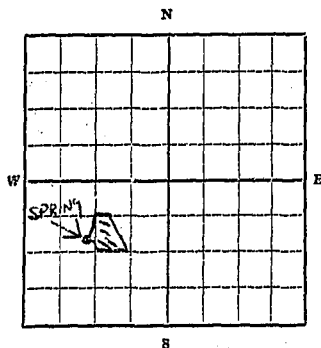
Contractor (if any) .....

Address of Contractor .....

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Free-flowing spring diverted

through contour ditch to irrigatable ground.



SW 1/4 Sec. 13 T. 10 R. 13

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Approximately 10 minutes measured through

rectangular weir and used continuously with supplemental water continuously throughout the irrigating season.

Signature of Owner E. J. Brunette

Date December 31, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

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STATE OF MONTANA } SS  
County of Granite

I, Agnes M. McDonald, County Clerk and Recorder of said County do hereby certify that the annexed instrument is a full, true and correct copy of the original instrument as filed in this office on the 31st day of Dec. 1962.

In testimony whereof, I have hereunto set my hand and the seal of said County of Granite at Helena, Montana, this 31st day of Dec. 1962.

Agnes M. McDonald  
County Clerk and Recorder

By Clarence K. New Deputy

3090.

51,905

89383  
FILED FOR RECORD  
November 27, 1972  
at 5 minutes past 11 o'clock  
A.M.  
Marie Morrison

File No. ....

T. 10 N. R. 13 W.

DUPLICATE

County Granite

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

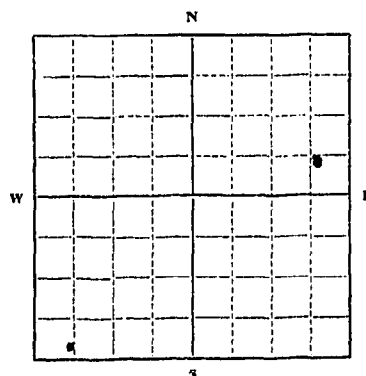
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 6 1964

STATE ENGINEER

1. Henderson Ranch, of Hall  
(Name of Appropriator) (Address) (Town)  
County of Granite State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 13 T. 10 N. R. 13 W.  
Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Household  
U.S.

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 1956

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) don't know

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
770

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater 1956

8. The depth of water table don't know

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater 4 in. drilled well 49 ft.

10. The estimated amount of groundwater withdrawn each year don't know

11. The log of formations encountered in the drilling of each well if available Gravel, clay, decomposed granite, gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record none

Signature of Owner.....

Date.....

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

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FILED FOR RECORD

Dec 31, 1963

at 40 minutes past 3 o'clock

P.M.

Agnes M. McDonald  
County Recorder

By \_\_\_\_\_ Deputy



51,877

89371  
Filed For Record  
November 22, 1972  
at 30 minutes past 11 o'clock  
P. M.

Marie Morrison

File No. ....

T. 10<sup>N</sup> R. 13<sup>W</sup>

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

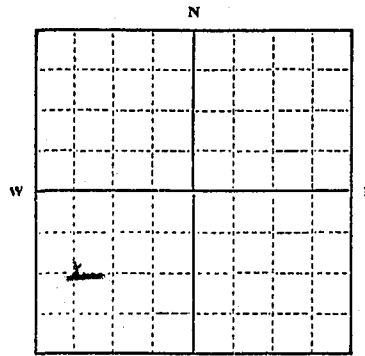
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 15 1940Owner P. D. Ranch Co Address Hall MontanaContractor (if any) None

Address of Contractor .....

Date Started July 15, 1940 Date Completed Same

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. by Sub-IRRIGATION

WATER RISES TO SURFACE

NW 1/4 SW 1/4 Sec. 14 T. 10N R. 13W

Indicate point of appropriation  
and place of use, if possible.

Quantity of water developed and used with explanation of method  
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. 15 MINERSINCHES MEASURED IN BOXUsed between July 15 AND Dec15 each year

Signature of Owner

P. D. Ranch Co  
Wm. J. StanleyDate Dec. 18, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the  
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana  
Bureau of Mines and Geology and Quadruplicate for the Appropriator.

77436

FILED FOR RECORD

Dec. 20 1963

at 24 minutes past 2 o'clock

M.  
James M. McDonald  
County Recorder

By \_\_\_\_\_ Deputy

File No. ....

T. 19 N. R. 13 W.

TRIPPLICATE

County. DEWETTE

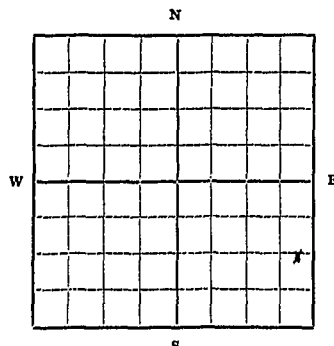
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
MAY 9 1963

STATE ENGINEER

1. LEWIS B. HILL, of DEWETTE  
(Name of Appropriator) (Address) (Town)  
County of DEWETTE State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE, SE, SE

S.E. 1/4 Sec. 15 T. 19 N. R. 13 W.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 29 1952 -
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.5 miner's inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1.5 acres, Lewis B. Hill
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 22 - 24 1952
8. The depth of water table 20'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" electric pump 56' in depth
10. The estimated amount of groundwater withdrawn each year 200,000 gal.
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record 12

Signature of Owner Lewis B. Hill

Date Oct 29 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4339.

File No. ....

T. 12 N R. 13 W

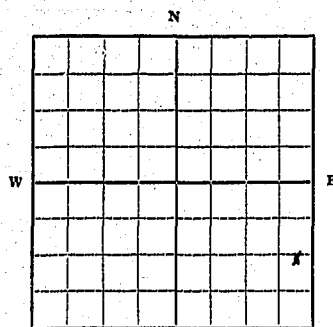
TRIPPLICATE

County. BLAINE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
MAY 9 1963  
STATE ENGINEER

1. LEWIS B. HILL of DEERHORN  
(Name of Appropriator) (Address) (Town)  
County of BLAINE State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE, SE, SE

SE 1/4, E 1/2 Sec. 15 T. 12 N. R. 13 W.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based LIVESTOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been OCT 22 1952 -  
CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) LIVESTOCK 1000 GPM

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NO IRRIGATION

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater OCT 22 - OCT 29 - 1952

8. The depth of water table 20'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" CASING 56' IN DEPTH

10. The estimated amount of groundwater withdrawn each year 30000 GALS

11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner Lewis B. Hill

Date MAY 29 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4339.

STATE OF MONTANA, } SS  
County of Granite

I, James M. McDonald, County Clerk and  
Recorder of said County do hereby certify  
that the above instrument is a full, true  
and correct copy of the original instrument  
as filed in my office on the 6th  
day of May, A. D. 1963

Witness my hand and the seal of said  
Granite County Recorder at Great Falls,  
6th day of May, 1963

James M. McDonald  
County Clerk and Recorder

By James M. McDonald Deputy

File No. ....

T. 14 N R. 13 W

TRIPPLICATE

County FRANKLIN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

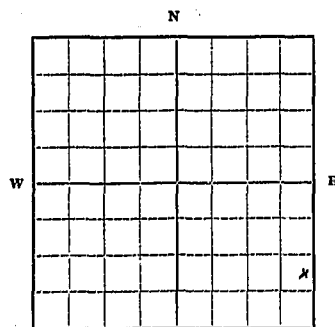
**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

**RECEIVED**  
MAY 9 1963

STATE ENGINEER

1. LEWIS R. HILL of DRUMMOND  
(Name of Appropriator) (Address) (Town)

County of FRANKLIN State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE, SE, SE, E 1/2  
S.E. 1/4 Sec. 15 T. 14 N. R. 13 W.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.5
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not Available
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Not Available
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
8. The depth of water table 25'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch 5 ft. depth
10. The estimated amount of groundwater withdrawn each year 100
11. The log of formations encountered in the drilling of each well if available Not Available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. 4-45

Signature of Owner Lewis R. Hill

Date May 29 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4338.



5

STATE OF MONTANA } SS  
County of Granite

I, Agnes M. McDonald, County Clerk and  
Recorder of said County do hereby certify  
that the annexed instrument is a full, true  
and correct copy of the original instrument  
as filed in this office on the 6th  
day of May A. D. 19 63

Attest my hand and the seal of said  
Granite County hereunto affixed, this  
6th day of May 1963

Agnes M. McDonald  
County Clerk and Recorder

By Orval Reed Deputy

28.

RECEIVED

10N-13W  
County Granite 21

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

SEP 5 1972

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Tom McGowan Ranch

Address Ball, Montana 59837

Date well started March 30, 1972

completed Same

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

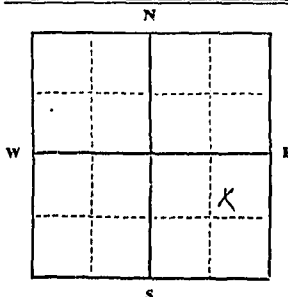
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" gal	1' ag	26'	cutting torch	20'	25'



NE 1/4 SE 1/4 Sec 21  
T. 10 N. R. 13 W.

Static water level 4' ft.\*  
Pumping water level 30' ft.\*  
at 30 gallons per minute,  
measured 30 minutes after pumping  
began.

\*Measured from ground level.

Well developed by test pumping

for 1 hours.

Power 2 Pump 2 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature O'Keefe Contracting Company

Driller's Address 2904 Harvard Ave.

Butte, Montana 59701

LICENSE NO. 8

25' Show exact depth of bottom

51,299

89050  
Filed For Record  
September 1, 1972  
at 55 minutes past 2 o'clock  
p.m.

Marie Morrison

Well #1

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Mr. Tom McGowan

Address

Ball, Montana

Date well started March 29, 1972

completed Same

Type of well Churn Drill

(Dug, driven, bored or drilled)

Equipment used

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

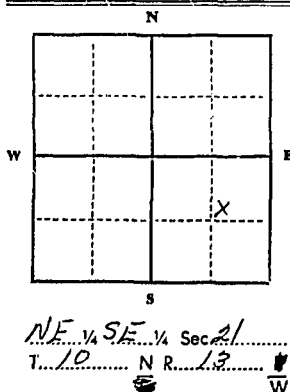
Industrial ☐ Drainage ☐ Other ☐ \* Garden/Lawn ☒

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od x .250 in	2'	36 1/2'	cutting troch	31'	36'



Static water level 5' ft.\*  
Pumping water level 8' ft.\*  
at 30 gallons per minute,  
measured 30 minutes after pumping began.

\*Measured from ground level.

Well developed by test pumping  
for 3 hours.

Power 2 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature O'Keefe Contracting Company

Driller's Address 2204 Harvard Ave.

Butte, Montana 59701

LICENSE NO. 8

10N-13W  
County Granite

RECEIVED

SEP 5 1972

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0'	8'
8'	20'
20'	33'
33'	36'

36' Show exact depth of bottom

51,300

89049      September 1, 1972  
Filed For Record  
at 50 minutes past 2 o'clock  
P. M.

Marie Morrison  
Clerk and Recorder

File No. \_\_\_\_\_

T. 10N R. 13W

DUPLICATE

County GRANITE

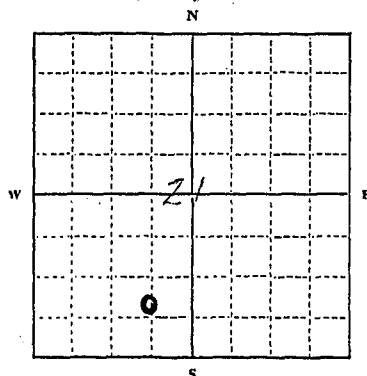
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. MARVIN L. RADTKE, of HALL  
(Name of Appropriator) (Address) (Town)  
County of GRANITE State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$  Sec 21 T. 10N R. 13W

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based

1 well - domestic & stock water use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been

April 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

40 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

Electric pump and motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

April 1950

8. The depth of water table

18 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

6 inch casing, 66 feet deep, drilled well.

10. The estimated amount of groundwater withdrawn each year

4 acre feet

11. The log of formations encountered in the drilling of each well if available

not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Marvin L. Radtke

Date

Dec 30 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24052

77595-

FILED FOR RECORD

Dec 30, 1963

at 26 minutes past 3 o'clock

P.M.

Agnes M. McDonald  
County Recorder

By \_\_\_\_\_ Deputy

RECEIVED  
DEC 31 1963

NOT RECORDED

File No. ....

T. 10 N. R. 13 W. 22

DUPLICATE

County .....

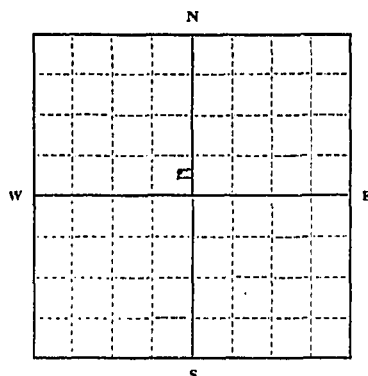
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Cy Carlett, of P.O. Box 272 Drummond  
(Name of Appropriator) (Address) (Town)  
County of Granite State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 Sec. 22 T. 10 N. R. 13 W.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household  
Irrigation and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1945  
Continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 g.p.m. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
1/2 acre SE 1/4 NW 1/4 Sec. 22 Twp. 10 N. R. 13 W.  
Cy Carlett
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1945 Completed three weeks later
8. The depth of water table 19 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 7.6 ft. drilled, lining
10. The estimated amount of groundwater withdrawn each year 10,250 Feet
11. The log of formations encountered in the drilling of each well if available Gravel  
Blue clay and sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Cy Carlett

Date Dec. 20, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.



77459

FILED FOR RECORD

Dec 26, 1943  
at 10 minutes past 11 o'clock  
A.M.

Agnes M. McDonald  
County Recorder

Wesley New  
Deputy

G

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No. ....

T 10<sup>N</sup> R 13<sup>W</sup> 22

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

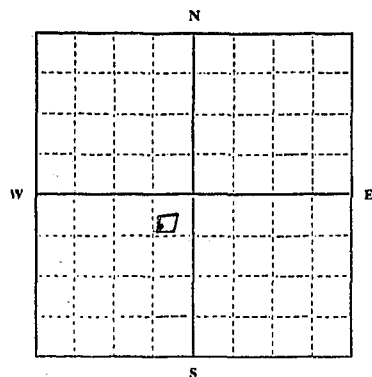
RECEIVED  
JAN 6 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. P. D. Ranch Co., of P.O. Box 15 Hall  
(Name of Appropriator) (Address) (Town)  
County of GRANITE State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 22 T. 10N R. 13W

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based Household, IRRIGATION, AND livestock watering
3. Date or approximate date of earliest beneficial use, and how continuous the use has been OCTOBER 1949 AND USE CONTINUOUSLY SINCE
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 inches (miners)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof used on NE 1/4 of SW 1/4 of Sec 22, Twp 10N, R 13W, M.M. Approx 3 acres.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal BOTH ARTISIAN FLOW + PUMP. Loc. - NE 1/4 of SW 1/4 of Sec 22 Twp 10N R 13W, M.M.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater STARTED IN OCTOBER + FINISHED 3 DAYS LATER
8. The depth of water table 21 FT
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater A DRILLED WELL 5 1/2 INCH CASING 21 FEET DOWN, PUMPED + ARTISIAN FLOW.
10. The estimated amount of groundwater withdrawn each year 10 Acre Feet
11. The log of formations encountered in the drilling of each well if available GRAUCL + 6 FT. D.E. BLuish-GREEN HARD PAN.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

P. D. Ranch Co.  
Signature of Owner [Signature]  
Date Dec 18, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

239<sup>18</sup>

77437

FILED FOR RECORD

Dec 20, 1963

at 26 minutes past 2 o'clock

A.M.

Agnes M. McDonald

County Recorder

By

Deputy

File No. ....

T. 10 N R. 23 W

DUPLICATE

County GraniteMONTANA WATER RESOURCES BOARD  
LOG RECEIVEDSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level.....)

**Notice of Completion of Groundwater  
Appropriation by Means of Well**

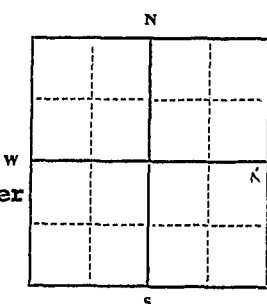
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Fred Parker Address Drummond, MontanaDriller O. Keefe Drilling Co. Address Butte, MontanaDate of Notice of appropriation of groundwater July 17, 1968Date well started July 10, 1968 Date completed July 10, 1968Type of well drilled Equipment used churn drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od	0'	71'	cutting torch	66'	71'

1'-70' clay  
70'-71' water sand- waterStatic Water Level for non-flowing well  
.....201.....feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level.....40'.....feet  
at.....30.....gal. per minute.

Discharge in gal. per min. of flowing well

How Tested.....test pump.....Length of Test.....2 hrs.....

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

NE 1/4 Sec. 23, T. 10 N R. 23 W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

71' Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

EIGHT  
Driller's License Number

Driller's Signature.

45,098

84875

FILED FOR  
April 2, 1969  
at 12 minutes past 11:00  
A.M.

4 M  
Agnes M. McDunn  
County Recorder  
By Eleanor J. Noel  
Deputy



85808

FILED FOR RECORD

January 15, 1970  
at 55 minutes past 1 o'clock  
P.M.

Agnes M. McDonald  
County Recorder

by Clemona F. Neuf  
Deputy

RECEIVED

GW 3 Revised 1962  
2057-1506-1/71

JUL 13 1973

STATE OF MONTANA  
MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

10N-13W  
County Granite

24

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 90136  
June 29, 1973  
GW 1 3:47 p.m.

Owner Thomas L. Brown

Address Hull Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

Free flowing spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

gravity flow

3. Depth of water table lower to surface

4. Use of the water for livestock

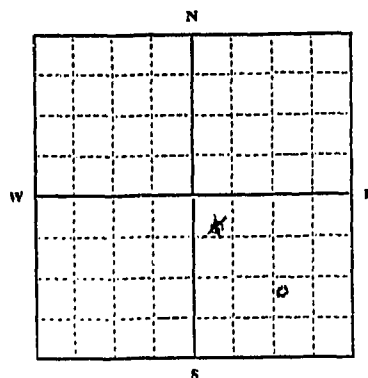
5. Amount of groundwater claimed (in miner's inches or gallons per minute) 20 miner's inches

6. If used for irrigation, give number of acres and description of land 20 acres

7. Estimate amount of water used each year

Est. 4000 gal per day

8. Months of year spring flows 12 months



SE  
NW 1/4 SE 1/4 Sec. 24  
T. 12 N. R. 13 E. W

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or esti-

mated

Signature of Owner Thomas L. Brown

Date June 27, 1973

56072



90136

FILED FOR RECORD

June 29, 1923  
at 19 minutes past 3 o'clock

S. M.  
Maire Mason  
County Recorder

By \_\_\_\_\_ Deputy

RECEIVED

Reg GW 3 Revised 1969  
2057-1500-1/71

JUL 10 1973

County Granite 24

STATE OF MONTANA  
MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File ?

June 29, 1973

GW 1 3:47 p.m.

Owner Chas. L. Bowers

Address Hall, Montana

Contractor (if any) none

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

Free flowing spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

gravity flow

3. Depth of water table comes to surface

4. Use of the water for livestock

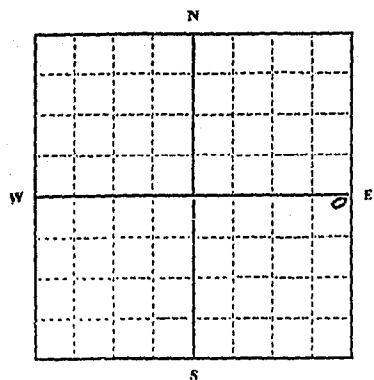
5. Amount of groundwater claimed (in miner's inches or gallons per minute) 2.5 miner's inches

6. If used for irrigation, give number of acres and description of land none

7. Estimate amount of water used each year

Est. 5000 gal per day

8. Months of year spring flows 12 months



NE 1/4 SE 1/4 Sec. 24

T. 10 N R. 13 E

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or estimated \_\_\_\_\_

Signature of Owner Chas. L. Bowers

Date June 29, 1973

56071

FILED FOR RECORD

June 29, 1973  
at 49 minutes past 3 o'clock  
P.M.

Maria Monahan  
County Recorder

By \_\_\_\_\_ Deputy

24

File No. ....

T. 12<sup>th</sup> R. 13<sup>th</sup>

DUPLICATE

County Glacier

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

STATE ENGINEER  
**Notice of Completion of Groundwater Appropriation  
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1963

Owner James R. Hall Address 714 E

Contractor (if any) Rammond Heady

Address of Contractor 714 E

Date Started Nov 1963 Date Completed Nov 23, 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Drainage and open drain

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

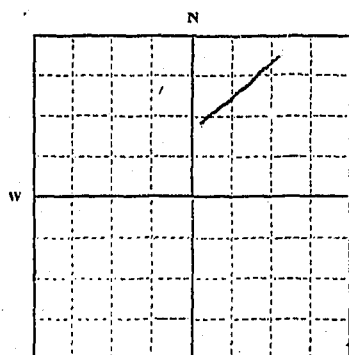
estimate approximate lengths of periods of use.

Estimated based on meter

Permit to use water

Signature of Owner James R. Hall

Date Dec 23, 1963



..... 1/4 Sec 4 T2 R3  
Indicate point of appropriation and place of use, if possible.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

24/60

FILED FOR RECORD

77711

FILED FOR RECORD

Dec 31, 1963

at 01 minutes past 4 o'clock

P.M.  
Agnes M. McDonald  
County Recorder

By \_\_\_\_\_  
Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No. ....

T 16 N R 13 W 24

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

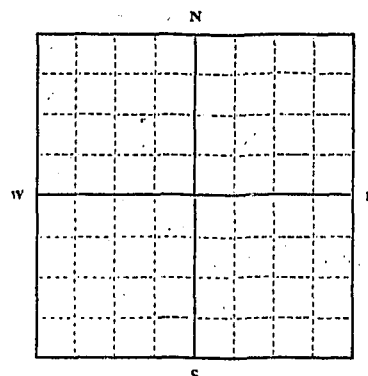
RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Henderson Ranch of Hall  
(Name of Appropriator) (Address) (Town)  
County of GRANITE State of MT  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based.....  
HOUSEHOLD USE

3. Date of approximate date of earliest beneficial use; and how continuous the use has been.....  
USE SINCE 1950  
CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
DON'T KNOW

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
DON'T KNOW

8. The depth of water table.....  
depth 115 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....  
depth 115 ft.  
DON'T KNOW

10. The estimated amount of groundwater withdrawn each year.....  
DON'T KNOW

11. The log of formations encountered in the drilling of each well if available.....  
DON'T KNOW

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....  
none

Signature of Owner Joseph M. Henderson

Date 12/23/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24155

77706

FILED FOR RECORD

Dec. 31, 1963

at 58 minutes past 3 o'clock

James M. McDonald  
County Recorder

By

Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No. ....

T. 10<sup>N</sup> R. 13<sup>W</sup> 24

DUPLICATE

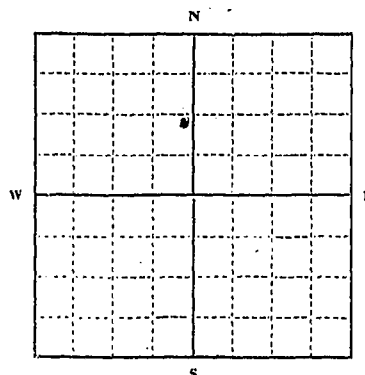
County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 6 1964  
STATE ENGINEER

1. Henderson Ranch, of Hall  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 24 T. 10 R. 13

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.....  
Household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1932  
1932 1933 1934 1935 1936 1937
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
don't know
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....  
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
8. The depth of water table.....  
don't know
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....  
depth of well 60 ft
10. The estimated amount of groundwater withdrawn each year.....  
don't know
11. The log of formations encountered in the drilling of each well if available.....  
no
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....  
none

Signature of Owner.....Jackie Henderson

Date.....12/24/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24154



77705-

FILED FOR RECORD

Dec 31, 1963

at 50 minutes past 3 o'clock

P. M.

Agnes M. McDonald  
County Recorder

By \_\_\_\_\_ Deputy

File No. ....

T. 10<sup>4</sup> R. 13 W. 24

DUPLICATE

County Granite

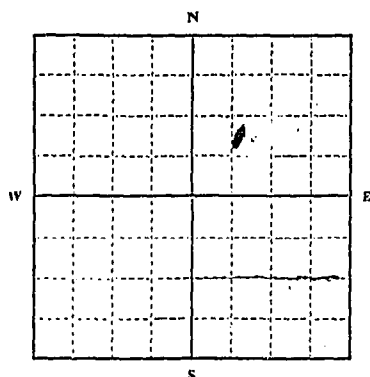
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 8 1964  
STATE ENGINEER

1. Henderson Ranch, of Hall  
(Name of Appropriator) (Address) (Town)  
County of Granite State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$  Sec. 24, T. 12, R. 13

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.  
Stock Water Household Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.  
about 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute).  
don't know

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
1950

8. The depth of water table.  
don't know

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
about 50 ft

10. The estimated amount of groundwater withdrawn each year.  
don't know

11. The log of formations encountered in the drilling of each well if available.  
none

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Henderson Ranch  
Signature of Owner Jesse H. Henderson

Date 12/9/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

2453

77704

FILED FOR RECORD

Dec 31, 1963  
at 18 minutes past 3 o'clock

P.M.  
Agnes M. McDowell  
County Recorder

By \_\_\_\_\_  
Deputy

File No. ....

T. 10N R. 13W

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Granite

LOG

RECEIVED

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level)

0'-2' top soil

2'-15' boulders

15'-25' clay

25'-27' water sand

## Notice of Completion of Groundwater

## Appropriation by Means of Well

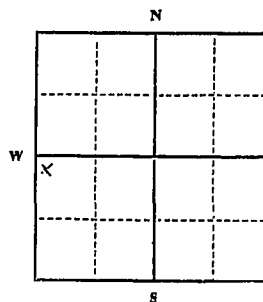
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Fred Palmer Address Butte, MontanaDriller O'Keefe Drilling Co. Address Butte, MontanaDate of Notice of appropriation of groundwater July 17, 1968Date well started July 11, 1968 Date completed July 11, 1968Type of well drilled Equipment used churn drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	5 5/8" od	1' above	27'	cutting torch	22'	27'



Static Water Level for non-flowing well

..... 31 ..... feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level..... 151 ..... feet

at..... 35 ..... gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... test pump

Length of Test..... 2 hours

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff).....

NW 1/4 Sec. 24 T. 10N R. 13W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

27' Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature Edward O'Keefe

45,099